LSI DOCKET NO. 03-1840

ABSTRACT OF THE DISCLOSURE

REMOVABLE FLASH BACKUP FOR STORAGE CONTROLLERS

5   A memory interface adapter is provided in a storage controller for accepting a removable non-volatile memory module, such as a flash memory. The removable non-volatile memory module may be inserted or removed through an external facing of the storage controller. Software on the storage controller, such as controller firmware, includes functionality for performing backup and restore operations to and from the removable memory module. A save

10   operation saves configuration data, current firmware images, and/or bootware images to the removable non-volatile memory module. Configuration information to be stored may be user selectable. The removable non-volatile memory module may be removed from one storage controller and inserted into another storage controller. A restore operation restores the configuration information from the removable non-volatile memory module to a storage

15   controller. Migration rules may be applied to ensure compatibility with the storage controller when performing a restore operation.